# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7.054.583 B2

DATED : May 30, 2006

INVENTOR(S) : FUMITAKE HIROBE

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

## ON THE TITLE PAGE

At Item (57), Abstract, line 10, "course" should read --coarse--.

## COLUMN 1

Line 51 "rotation" should read --rotations--: and Line 65, "handled" should read --handed--.

#### COLUMN 2

Line 36, "sleeve." should read --sleeves .--; and Line 56, "carriers," should read --carrier, --.

### COLUMN 3

Line 7, "carryout" should read --carry out --.

## COLUMN 4

Line 42, "Rz1" should read -- Rz2--.

# COLUMN 7

Line 56, "handling" should read --handing--; and Line 65, "burst" should read --brush--.

## COLUMN 9

Line 11, "then" should be deleted.

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### COLUMN 10

Line 9, "particularly" should read --preferably--.

# COLUMN 11

Line 27, "experiments" should read --experiment--:

Line 35, "indicted" should read --indicated--; and

Line 50, "above-describe" should read -- above-described --.

#### COLUMN 12

Line 19, "(ΔD)," should read --(ΔD)),--.

# COLUMN 13

Line 24, "though" should read --thought--; and

Line 61, " $(D/2 \le Sm 2xD)$ " should read -- $(D/2 \le Sm \le 2xD)$ --.

#### COLUMN 14

Line 3, "top" should read --top of--:

Line 18, "4.5mm" should read --45 mm-- and "faced" should read --face--;

Line 31, "sieves)x14}" should read --sieves)x14} .--; and

Line 47, "followed" should read --following--.

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# COLUMN 16

Line 42, "expression" should read --expressions--; and Line 51, "expression" should read --expressions--.

## COLUMN 18

Line 4, "expression" should read --expressions--; and Line 12, "expression:" should read --expressions--

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